D. Geological and Environmental Hazards Assessment Report

April 2019 | Geological and Environmental Hazards Assessment Report

LONGFELLOW ELEMENTARY SCHOOL EXPANSION

for Riverside Unified School District

Prepared for:

Riverside Unified School District
Contact: Ana Gonzalez, Director, Planning and
3070 Washington Street
Riverside, California 92504

Prepared by:

PlaceWorks
Contact: Michael Watson, PG
Associate Geologist
2850 Inland Empire Boulevard, Suite B
Ontario, California 91764
909.989.4449
mwatson@placeworks.com
www.placeworks.com

PLACEWORKS

Table of Contents

Section **Page**

APPENDICES

Table of Contents

LIST OF FIGURES

1. Introduction

1.1 INTRODUCTION

This report has been prepared for the proposed Longfellow Elementary School Expansion (proposed project) and provides an evaluation on whether the proposed project conforms to the state school facility standards, which apply to state-funded new school facilities projects. The State of California's standards for school site selection are found in Title 5 of the California Code of Regulations (CCR) Section 14010; additional codes and regulations applicable to school facilities are found in the Education, Government, and Public Resources Codes.

1.2 PROJECT LOCATION

The proposed project site (Site) includes the Henry W. Longfellow Elementary School at 3610 Eucalyptus Avenue, two residential parcels located at 2210 7th Street and 2226 7th Street, the 7th Street cul-de-sac located west of Franklin Avenue, and the alley located south of the two residential parcels in the City of Riverside, Riverside County, California (Assessor's Parcel Numbers [APNs] 211-105-001, 211-143-006, 211-143-007 and 211-143-008). As part of the acquisition the District would request that the City of Riverside vacate both the alley and the 7th Street cul-de-sac.

Regional access to the proposed project site is provided by State Route 91 (CA-91), located to the west. The City of Riverside is surrounded by Jurupa Valley to the northwest, Woodcrest to the south, Moreno Valley to the east, and Grand Terrace and Colton to the north. Figure 1, *Regional Location*, and Figure 2, *Aerial Photograph*, show the proposed project site in its surrounding and local contexts.

1.3 PROJECT DESCRIPTION

Three new buildings would be constructed on the existing school site: 2-story Classroom Building (10 classrooms: 6 grades 1-6, and 4 Kindergarten) (7,400 square feet [sf]); 1-story Classroom Building (2 Kindergarten) (3,000 sf); 1-story Administration Building (3,000 sf). The new buildings would be permanent prefabricated modular buildings. The project also includes the construction of a 40-space parking lot (22,100 sf), asphalt hardcourts and playground (40,200 sf), and concrete walkways and curbs (11,800 sf). The two residential parcels that are being acquired will be used as a parking lot. The project would also include the modernization of five classroom buildings and the multipurpose and cafeteria building, and the conversion of the administration building to a Parent Center/Classroom and Day Care. The total site acreage is approximately 6.35 acres.

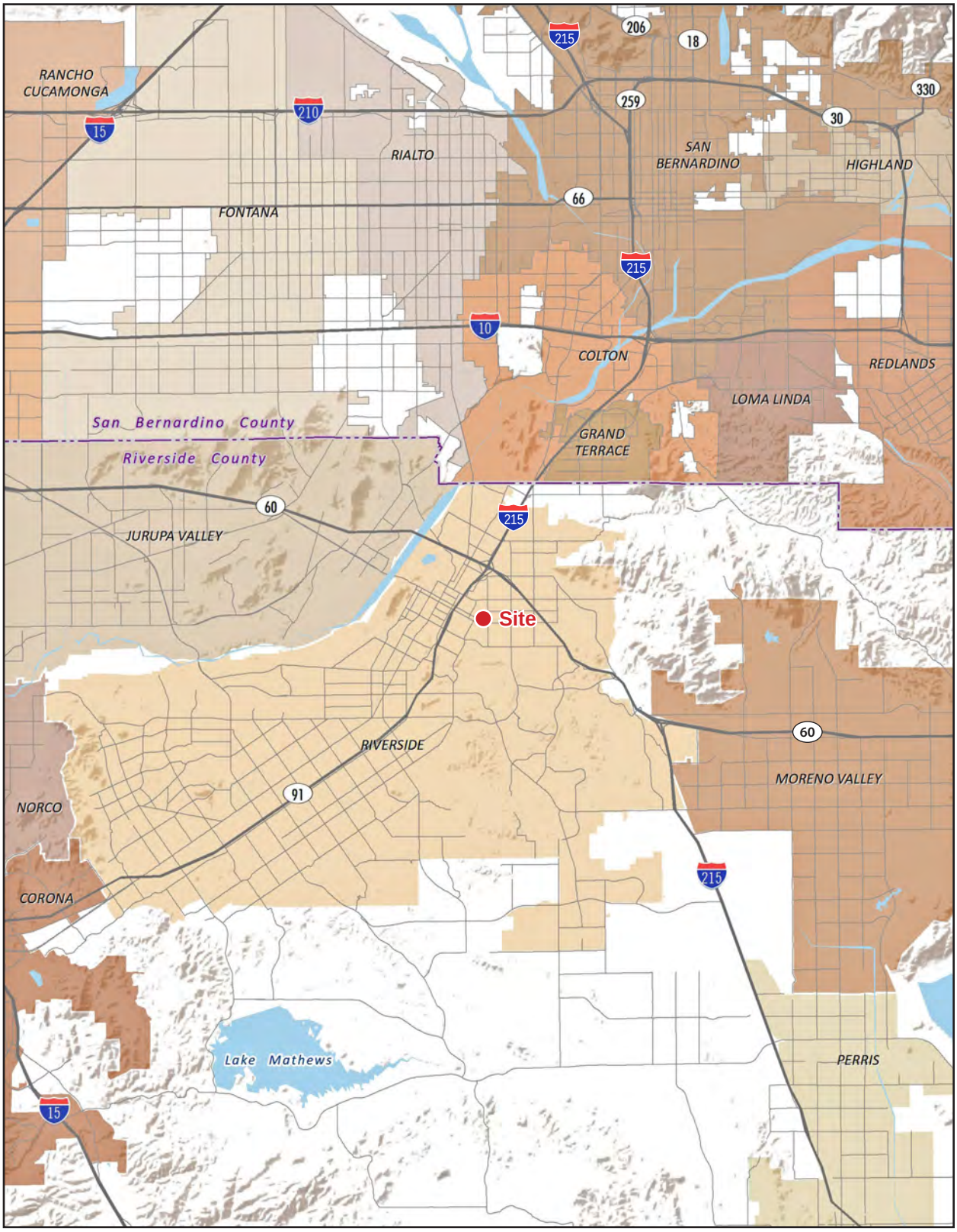
1.4 CONCLUSIONS/RECOMMENDATIONS

Based on a review of various information sources contained in this report, the following potentially environmental health and safety hazards are subject to further evaluation:

- A Water Pipeline Flooding Analysis is recommended to address the seven water mains with diameters of 12 inches or greater located within 1,500 feet of the site.
- Approximately 70 cubic yards of shallow surface soil is recommended to be removed from the site due to elevated pesticides and lead, based on the results of a Phase I Environmental Site Assessment and Phase I Addendum (PlaceWorks 2019).

Figure 1 - Regional Location

1. Introduction



Note: Unincorporated county areas are shown in white.

0 3
Scale (Miles)

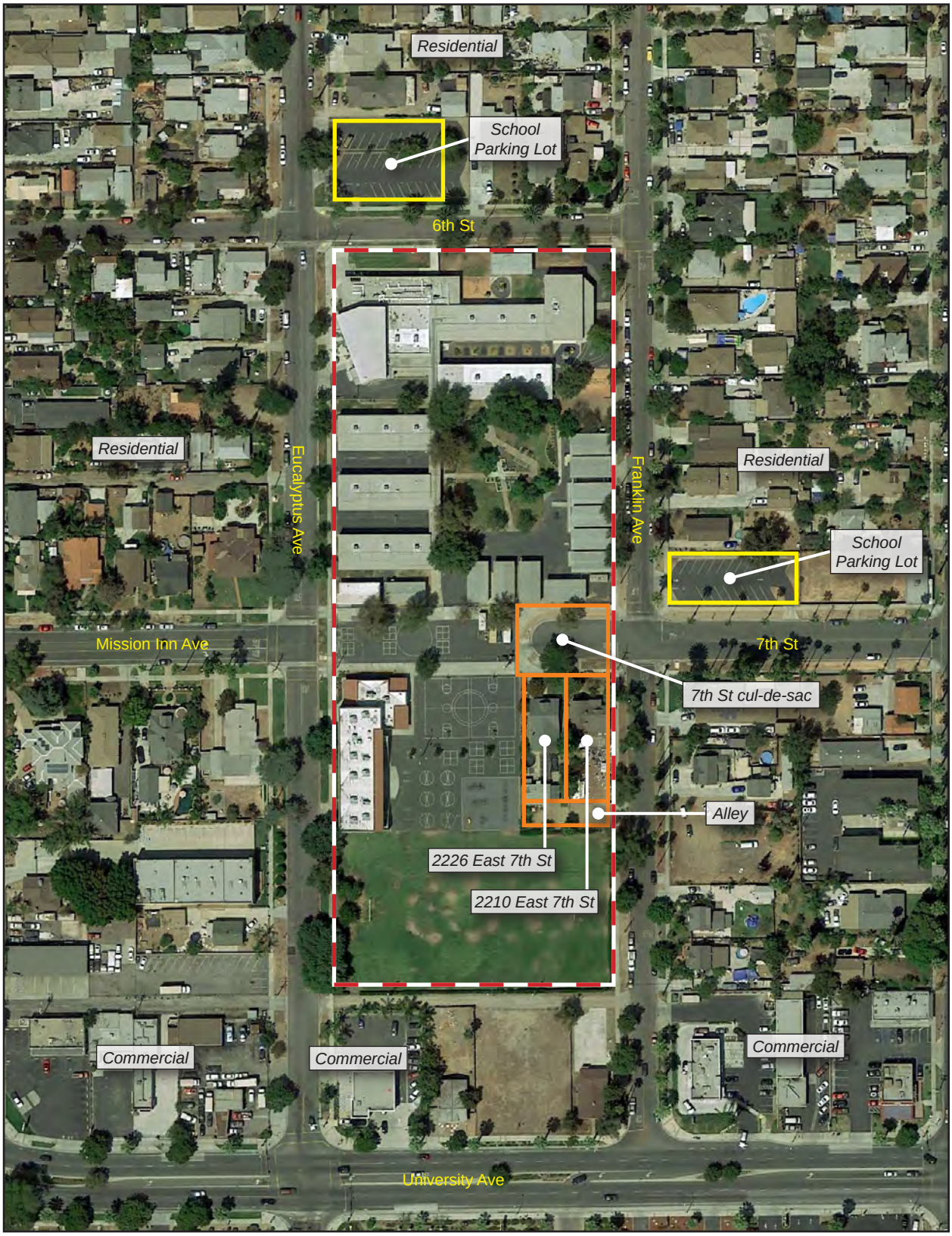
Source: ESRI, 2018

1. Introduction

This page intentionally left blank.

Figure 2 - Aerial Photograph

1. Introduction



Project Boundary

School Expansion Site (Acquisition Properties)

0 200
Scale (Feet)

Source: Google Earth Pro, 2019

1. Introduction

This page intentionally left blank.

2. Environmental Checklist

2.1 STATE STANDARDS FOR SCHOOL FACILITIES

The State of California's standards for school site selection are found in Title 5 of the California Code of Regulations (CCR) Section 14010, and additional codes and regulations applicable to school facilities are located in the Education, Government and Public Resources Codes. The following checklist provides a list of questions and code citations related to State-funded new school facilities.

STATE STANDARDS CHECKLIST FOR STATE-FUNDED SCHOOL FACILITIES—
SCHOOL SITE APPROVAL
(Documentation for SFPD 4.0, 4.01-4.03, School Site Approval)

Topic	Code References
Air Quality	
Is the boundary of the proposed school site within 500 feet of the edge of the closest traffic lane of a freeway or busy traffic corridor? If yes, would the project create an air quality health risk due to the placement of the school?	Ed. Code §17213(c)(2)(C); CCR Title 5 §14010(q)
Would the project create an air quality hazard due to the placement of a school within one-quarter mile of: (a) permitted and non-permitted facilities identified by the jurisdictional air quality control board or air pollution control district; (b) freeways and other busy traffic corridors; (c) large agricultural operations; and/or (d) a rail yard, which might reasonably be anticipated to emit hazardous air emissions, or handle hazardous or acutely hazardous material, substances, or waste?	Ed. Code § 17213(b); CCR Title 5 §14010(q)
Geology and Soils	
Does the site contain an active earthquake fault or fault trace, or is the site located within the boundaries of any special studies zone or within an area designated as geologically hazardous in the safety element of the local general plan?	Ed. Code, §17212 and §17212.5; CCR Title 5 §14010(f)
Would the project involve the construction, reconstruction, or relocation of any school building on the trace of a geological fault along which surface rupture can reasonably be expected to occur within the life of the school building?	Ed. Code §17212.5
Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to moderate-to-high liquefaction, landslides, or expansive soils?	CCR, Title 5 §14010(i) School Site Selection and Approval Guide, Appendix H
Are naturally occurring asbestos minerals located at the site?	School Site Selection and Approval Guide, Appendix H
Hazards and Hazardous Materials	
Does the proposed school site contain one or more pipelines, situated underground or aboveground, which carry hazardous substances, acutely hazardous materials, or hazardous wastes, unless the pipeline is a natural gas line that is used only to supply natural gas to that school or neighborhood?	Ed. Code §17213(a)(3)
Is the proposed school site located near an aboveground water or fuel storage tank or within 1,500 feet of an easement of an aboveground or underground pipeline that can pose a safety hazard to the site?	CCR, Title 5 § 14010 (h)

2. Environmental Checklist

Is the school site in an area designated in a city, county, or city and county general plan for agricultural use and zoned for agricultural production, and if so, do neighboring agricultural uses have the potential to result in any public health and safety issues that may affect the pupils and employees at the school site? *(Does not apply to school sites approved by CDE prior to January 1, 1997.)*	Ed. Code § 17215.5
Is the property line of the proposed school site less than the following distances from the edge of respective power line easements: (1) 100 feet of a 50–133 kV line; (2) 150 feet of a 220–230 kV line; or (3) 350 feet of a 500–550 kV line?	CCR, Title 5 § 14010 (c)
Does the project site contain a current or former hazardous waste disposal site or solid waste disposal site and, if so, have the wastes been removed?	Ed. Code § 17213(a)(1)
Is the project site a hazardous substance release site identified by the state Department of Health Services in a current list adopted pursuant to §25356 for removal or remedial action pursuant to Chapter 6.8 of Division 20 of the Health and Safety Code?	PRC § 21151.8 (a)(1)(B); Ed. Code § 17213(a)(2)
If prepared, has the risk assessment been performed with a focus on children's health posed by a hazardous materials release or threatened release, or the presence of naturally occurring hazardous materials on the schoolsite?	Ed. Code § 17210.1(a)(3)
If a response action is necessary and proposed as part of this project, has it been developed to be protective of children's health, with an ample margin of safety?	Ed. Code § 17210.1(a)(4)
Is the proposed school site situated within 2,000 feet of a significant disposal of hazardous waste?	CCR, Title 5 § 14010 (t)
Is the site within 300 feet of an active oil or natural gas well?	Fire Code § 3406.3.1
Hydrology and Flooding	
Is the project site subject to flooding or tank/dam inundation or street flooding?	Ed. Code § 17212 and 17212.5; CCR, Title 5 § 14010 (g) School Site Selection and Approval Guide, Appendix H
Land Use and Planning	
Would the proposed school conflict with any existing or proposed land uses, such that a potential health or safety risk to students would be created?	Ed. Code § 17213; Gov't. Code § 65402; CCR, Title 5 § 14010 (m)
Are there easements on or adjacent to the site that would restrict access or building placement?	CCR, Title 5 § 14010(r)
Is the school site proportionate in its length to width ratio to accommodate the building layout, parking and playfields that can be safely supervised and does not exceed the allowed passing time to classes for the district?	CCR, Title 5 § 14010(j)
Is the site located within the proposed attendance area to encourage student walking and avoid extensive bussing unless bussing for ethnic diversity?	CCR, Title 5 § 14010(n)
Has the district considered environmental factors of light, wind, noise, aesthetics, and air pollution in its site selection process?	CCR, Title 5 § 14010(q)
Is the site within a designated Farmland Security Zone?	Government Code § 51296.5
Noise	
Is the proposed school site located adjacent to or near a major arterial roadway or freeway whose noise generation may adversely affect the educational program?	CCR, Title 5 § 14010 (e)
Public Services	
Does the site promote joint use of parks, libraries, museums, and other public services?	CCR, Title 5, § 14010 (o)
Is the site conveniently located for public services, including but not limited to fire protection, police protection, public transit and trash disposal wherever feasible?	CCR, Title 5, § 14010 (p)
Transportation/Traffic	
Are traffic and pedestrian hazards mitigated per Caltrans' School Area Pedestrian Safety manual?	CCR, Title 5 § 14010 (l)
Is the site easily accessible from arterials and is the minimum peripheral visibility maintained for driveways per Caltrans' Highway Design Manual?	CCR, Title 5 § 14010 (k)

2. Environmental Checklist

Is the proposed school site within 1,500 feet of a railroad track easement?	CCR, Title 5 § 14010 (d)
Is the proposed school site within two nautical miles, measured by air line, of that point on an airport runway or potential runway included in an airport master plan that is nearest to the site? *(Does not apply to school sites acquired prior to January 1, 1966.)*	Ed. Code § 17215 (a)&(b)

School building "means and includes any building used, or designed to be used, for elementary or secondary school purposes and constructed, reconstructed, altered, or added to…" (Ed. Code § 17283).
Note: Any documentation related to the California Environmental Quality Act is provided under separate cover.

2. Environmental Checklist

This page intentionally left blank.

3. Environmental Analysis

Section 2.1 provided a checklist of the State of California's health and safety standards for school sites. This section provides documentation and evaluation of applicable standards and mitigation measures where appropriate.

3.1 AIR QUALITY

3.1.1 Is the boundary of the proposed school site within 500 feet of the edge of the closest traffic lane of a freeway or busy traffic corridor? If yes, would the project create an air quality health risk due to the placement of the school?

No Significant Hazard. Public Resources Code Section 21151.8(b)(9) and Education Code Section 17213(d)(9) define a "freeway or other busy traffic corridors" as roadways that on an average day have traffic in excess of 50,000 vehicles in a rural area or 100,000 vehicles in an urban area or 100,000 average daily trips (ADT). Residential, educational, and commercial uses surround the proposed project site. Reviewing the city of Riverside's 24 Hour Traffic Volume Count (2008), University Avenue from Kansas Avenue to Chicago. Avenue was measured at a total of 26,900 on September 2003. Eucalyptus Avenue, from University Avenue to Mission Inn Avenue, was measured at a total of 5,302 on February 2006. Kansas Avenue, from Linden Street to 7th Street was measured at a total of 5,909 on January 2002. The proposed project site is 0.61 miles west of the Riverside Freeway (CA-91). The proposed project site is not within 500 feet of the edge of the closest traffic land of a freeway or busy traffic corridor, therefore there is no significant hazard.

3.1.2 Would the project create an air quality hazard due to the placement of a school within one-quarter mile of: (a) permitted and non-permitted facilities identified by the jurisdictional air quality control board or air pollution control district; (b) freeways and other busy traffic corridors; (c) large agricultural operations; and/or (d) a rail yard, which might reasonably be anticipated to emit hazardous air emissions, or handle hazardous or acutely hazardous material, substances, or waste?

No Significant Hazard. The Air Quality Management District (AQMD) has developed has a database that contains information regarding South Coast AQMD regulated facilities. This tool is used for identifying sources within a quarter-mile radius of project sites that have the potential to generate hazardous air emissions. Reviewing the AQMD's Facility Information Detail (F.I.N.D) database, there were thirteen facilities within a quarter mile of the project site, which are all listed in the table below. Reviewing the facilities information on the database, there are only six of the thirteen still active. There were also no non-permitted sources identified within a quarter mile of the project site.

3. Environmental Analysis

Facility Name	Address	Facility ID	Facility Description	Permit Status	Permit Number	Equipment Description	Permit issued Date	History of Violations/Notices to Comply
Anna 76's	2658 University Ave	174420	Gasoline Service Station	Active	N27811	Service Station Storage & Dispensing Gasoline	9/26/2013	None
Millers Auto Upholstery*	2585 University Ave	10362	N/A	N/A	N/A	N/A	N/A	None
Rider Auto Maintenance Inc.*	3757 Comer Ave	89315	General Auto Repairs Shop	Inactive	D46856	CFC-12 Recovery/ Recycling	1/15/1992	None
Bloch & Shelton Garage Inc.	3764 Comer Ave	91832	General Auto Repairs Shop	Inactive	D53300	CFC-12 Recovery/ Recycling	5/15/1992	None
ABC Auto Upholstery*	2351 University Ave	100361	N/A	N/A	N/A	N/A	N/A	None
Burger King #8439	2167 University Ave	101273	Eating Place	All three are inactive	F31583, D82478, and F25339	All three were for Natural Gas Char broilers	3/14/2000, 5/2/1994, and 6/8/2000	None
Burger King, Management Group	2167 University Ave	149660	N/A	Inactive	F85902	Natural Gas Char broilers	11/29/2006	None
Screen Masters*	2351 University Ave	96614	N/A	N/A	N/A	N/A	N/A	None
Riverside Tire Service Inc.*	2147 University Ave	93405	General Auto Repairs Shop	Inactive	D60726	CFC-12 Recovery/ Recycling	8/21/1992	None
Pedrito's Bar & Grill*	2115 University Ave	77316	Eating Place	N/A	N/A	N/A	N/A	None
Riverside Car Wash*	2100 University Ave	37237	Car Wash	N/A	N/A	N/A	N/A	None
Bobby Bonds Park	2060 University Ave	65229	Amusement Park	N/A	N/A	Boiler –R-222	N/A	None
City of Riverside	2060 University Ave	69051	General Government, NEC	Inactive	D10644	Natural Gas Boiler	10/11/1989	4/30/2002 Listed as in Compliance**

N/A – Not applicable

* Facility does not currently occupy the associated address.

** The violation description states that the facility was out of compliance due to failure to submit an asbestos survey with the name of the contractor, or the scope of work/contract between the city and the contractor. The facility was found to be in compliance again as of 5/21/2002.

The active gas station, fast food restaurants, and the park facility are not expected to create a significant hazard for the project site.

3.2 GEOLOGY AND SOILS

The northern and eastern boundaries of the Upper Santa Ana River Drainage area are created by San Gabriel, San Bernardino, and San Jacinto mountains. The western and southern boundaries consist of the Chino Hills and the Santa Ana Mountains (Amec 2015). These encompassing mountain ranges and the surrounding basement rocks in the area are composed of Mesozoic-age granitic, metamorphosed clastic and volcanic rocks. The geologic make-up of the Upper Santa Ana River is predominately recent alluvium, Pleistocene non marine sedimentary rocks, and exposed Mesozoic granitic basement rocks (Amec 2015).

The geographic coordinates for the proposed project site are 33.977 north latitude and 117.358 west longitude. The project site lies at an approximate elevation of between 900 to 920 feet above sea level (USGS 2018). The topography in the vicinity of the project site has a general gradient toward the northwest. The site lies atop late to middle Pleistocene sandy alluvial fan deposits (Morton and Cox 2001). The United States Department of Agriculture Natural Resources Conservation Services mapped the soil beneath the proposed project site. The soil component is Arlington, which has surface texture classified in the report as fine sandy loam. This soil has a moderate infiltration rate and is considered a well-drained soil (USDA 2018).

3.2.1 Does the site contain an active earthquake fault or fault trace, or is the site located within the boundaries of any special studies zone or within an area designated as geologically hazardous in the safety element of the local general plan?

No Significant Hazard. Based on a review of the California Geological Survey (CGS) Fault Activity Map of California (2010), no active faults are known to have been mapped within a half mile radius of the property. The Fault Activity Map of California shows that the nearest fault to the proposed expansion parcels is the San Jacinto Fault, which is approximately 5.5 miles northeast of the site (CGS 2010; CGS 2018).

3.2.2 Would the project involve the construction, reconstruction, or relocation of any school building on the trace of a geological fault along which surface rupture can reasonably be expected to occur within the life of the school building?

No Significant Hazard. The site is not within or immediately adjacent (i.e., within a few hundred feet) of a fault zone (CGS 2010; CGS 2018). The nearest potentially active fault is the San Jacinto Fault located approximately 5.5 miles northeast of the project site. Based on a review of the readily-available geologic literature, the site is not on a pressure ridge, and there are no known active faults on or immediately adjacent to the site. On this basis, the potential for tectonic fault rupture at the site is considered negligible.

3.2.3 Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to moderate-to-high liquefaction, landslides, or expansive soils?

No Significant Hazard.

Liquefaction

Liquefaction refers to loose, saturated sand, or gravel deposits that lose their load-supporting capability when subjected to intense shaking. Liquefaction potential varies based upon three main contributing factors: 1)

cohesionless, granular soils having relatively low densities (usually of Holocene age); 2) shallow groundwater (generally less than 50 feet); and 3) moderate to high seismic ground shaking.

Based on liquefaction hazard mapping in the City of Riverside General Plan (City of Riverside 2018) and the Riverside County GIS parcel reports for the proposed project site, the site is not in an area of potential liquefaction. Therefore, the project will not expose people to adverse effects associated with liquefaction.

Landslides

Landslides are a type of erosion in which masses of earth and rock move down slope as a single unit. Susceptibility of slopes to landslides and other forms of slope failure depend on several factors. These factors are usually present in combination and include steep slopes, condition of rock and soil materials, the presence of water, formational contacts, geologic shear zones, and seismic activity.

The project site and its adjoining properties are relatively flat and exhibit no substantial elevation changes or unusual geographic features. The site does not have any landslides or is immediately adjacent to any landslides (Morton and Cox 2001). Therefore, the project will not expose people to adverse effects associated with landslides.

Expansive Soils

Expansive soils swell when they become wet and shrink when they dry out, resulting in the potential for cracked building foundations and in some cases, structural distress of the buildings themselves. In each case, minor to severe damage to overlying structures is possible. Based on information from the United States Department of Agriculture Natural Resources Conservation Services maps, the soil beneath the proposed expansion site is reported as Arlington fine sandy loam which is not considered to be an expansive soil. Additionally, since the site is a proposed school site, CGS and DSA will ensure that the buildings are sufficiently mitigated for the condition. Therefore, the project will not expose people or the new school buildings to adverse effects associated with expansive soils.

3.2.4 Are naturally occurring asbestos minerals located at the site?

No Significant Hazard. No known naturally occurring serpentine rock or rock formations—which may contain significant quantities of asbestos—are within 10 miles of the project site (Van Gosen and Clinkenbeard 2011). Additionally, based on a review of *A General Location Guide for Ultramafic Rocks in California: Areas More Likely to Contain Naturally Occurring Asbestos* (Department of Conservation, Division of Mines and Geology 2000) and Van Gosen and Clinkenbeard (2011), the site is not located within a 10-mile radius of an area thought to contain naturally occurring asbestos. Therefore, project implementation would not result in the exposure of hazardous materials or naturally occurring hazardous materials on the school site.

3.3 HAZARDS AND HAZARDOUS MATERIALS

3.3.1 Does the proposed school site contain one or more pipelines, situated underground or aboveground, which carry hazardous substances, acutely hazardous materials, or hazardous

wastes, unless the pipeline is a natural gas line that is used only to supply natural gas to that school or neighborhood? Does the proposed school site contain pressurized sewer lines and high pressure water pipelines within 1,500 feet of the proposed site?

No Significant Hazard. There are no petroleum or chemical pipelines on the proposed project site based on a review of the National Pipeline Mapping System online mapping database (NPMS 2018). Based on information from the City of Riverside., there are no pressurized sewer lines near the project site. According to the response from SoCal Gas, there are no high pressure natural gas pipelines within 1,500 feet of the proposed project site. A copy of the response from SoCal Gas and the City of Riverside is included in Appendix A.

3.3.2 Is the proposed school site located near an aboveground water or fuel storage tank or within 1,500 feet of an easement of an aboveground or underground pipeline that can pose a safety hazard to the site?

Aboveground Water or Fuel Storage Tanks

No Significant Hazard. No aboveground water or fuel storage tanks were identified within a 1,500-foot radius, based on a review of Google Earth Pro. The development of the project will not create a new hazard or exacerbate the current conditions.

Hazardous Substance Pipelines

No Significant Hazard. There are no petroleum or chemical pipelines within a 1,500-foot radius, according to the National Pipeline Mapping System (online mapping database (NPMS 2018). According to the response from SoCal Gas, there are no high pressure natural gas pipelines within 1,500 feet of the proposed project site. A copy of the response from SoCal Gas is included in Appendix A. Therefore there is no significant hazard related to hazardous substance pipelines near the site.

Sewer and Water Pipelines

Potentially Significant Hazard. Based on information provided by City of Riverside., there are water mains with diameters of 12, 16, 36 and 48 inches in diameter within 1,500 feet of the proposed project site. Below is a table of the high pressure pipelines that are within the radius of concern. A Water Pipeline Flooding Analysis is recommended to address these pipelines. There are no pressurized sewers within 1,500-feet of the proposed project site. Copies of the correspondence with the City of Riverside are included in Appendix A.

Type of Pipeline	Directionality	Distance from Project Site	Diameter
Transmission Main	east to west	On-site	36”
Distribution Main	east to west	427.73 feet to the south	12”
Transmission Main	east to west	1,401.83 feet to the south	48”

3. Environmental Analysis

Distribution Main	north to south	396.90 feet to the east	12”
Transmission Main	north to south	954.51 feet to the southeast	48”
Transmission Main	east to west	422.42 feet to the southeast	16”
Transmission Main	east to west	874.07 feet to the northeast	36”

3.3.3 Is the school site in an area designated in a city, county, or city and county general plan for agricultural use and zoned for agricultural production, and if so, do neighboring agricultural uses have the potential to result in any public health and safety issues that may affect the pupils and employees at the school site? (Does not apply to school sites approved by CDE prior to January 1, 1997.)

No Significant Hazard. As shown in the aerial photograph in Figure 2, the project site is in an area characterized by suburban residential and commercial development. Properties within a quarter-mile radius of the site are generally zoned for residential, mixed use-neighborhood, and commercial. Based on a review of the City of Riverside General Planning website and a review of historical documents for a Phase I Environmental Site Assessment, no agricultural activities have occurred on the proposed project site or adjoining areas.

3.3.4 Is the property line of the proposed school site less than the following distances from the edge of respective power line easements: (1) 100 feet of a 50–133 kV line; (2) 150 feet of a 220–230 kV line; or (3) 350 feet of a 500–550 kV line?

No Significant Hazard. According to the City of Riverside, the property line of the project site is not within 100 feet of a 50-133 kilovolt (kV) line, 150 feet of a 220-230 kV line, or 350 feet of a 500-550 kV line. A copy of the response from the City of Riverside is included in Appendix A.

3.3.5 Does the project site contain a current or former hazardous waste disposal site or solid waste disposal site and, if so, have the wastes been removed?

No Significant Hazard. Based on a review of the EnviroStor and GeoTracker the project site does not contain a current or former hazardous waste disposal site or solid waste disposal site (DTSC 2018; SWRCB 2018).

3.3.6 Is the project site a hazardous substance release site identified by the state Department of Health Services in a current list adopted pursuant to §25356 for removal or remedial action pursuant to Chapter 6.8 of Division 20 of the Health and Safety Code?

No Significant Hazard. Based on a review of the EnviroStor and GeoTracker databases, no hazardous substance release sites were identified within the project site (DTSC 2018; SWRCB 2018).

3.3.7 If prepared, has the risk assessment been performed with a focus on children's health posed by a hazardous materials release or threatened release, or the presence of naturally occurring hazardous materials on the school site?

No Significant Hazard. A draft Phase I Environmental Site Assessment (Phase I ESA) was prepared for the acquisition parcels by PlaceWorks (2019). Based on a review of historical information; the acquisition parcels had residential dwellings since at least 1908. A Phase I Addendum was also conducted by PlaceWorks to evaluate if the historic structures may have left residual termiticides or lead from lead-based paint in the soil. The soil sampling identified areas with elevated lead levels from lead-based paints and chlordane from termiticide usage. Approximately 70 cubic yards of shallow surface soil was recommended to be removed from the acquisition parcels.

Searches on databases concluded that the project site is not on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5.

3.3.8 If a response action is necessary and proposed as part of this project, has it been developed to be protective of children's health, with an ample margin of safety?

No Significant Hazard. Based on the findings of the Phase I Addendum, approximately 70 cubic yards of shallow surface soil was recommended to be removed from the acquisition parcels (PlaceWorks 2019). This recommendation was developed to be protective of children's health, with an ample margin of safety.

3.3.9 Is the proposed school site situated within 2,000 feet of a significant disposal of hazardous waste?

No Significant Hazard. Based on review of the GeoTracker website, the project site is not within 2,000 feet of a significant disposal of hazardous waste (DTSC 2018; SWRCB 2018).

3.3.10 Is the site within 300 feet of an active oil or natural gas well?

No Significant Hazard. According to the Department of Conservation Division of Oil, Gas, and Geothermal Resources (DOGGR) Well Finder, the project site is not within 300 feet of an active oil or natural gas well (DOGGR 2018). The closest oil well is located over 5 miles northeast of the proposed expansion site. The well is identified as a plugged and abandoned well that was advanced by Floyd Amundson. The well was drilled in 1926 to a depth of 213 feet and was promptly abandoned and filled.

3.4 HYDROLOGY AND FLOODING

Based on an analysis of the topography in the site vicinity, sheet flow runoff from the site during periods of intense or prolonged precipitation would be expected to flow to the northwest. According to the FEMA flood map online service center, the proposed project site in located in an area of minimal flood hazard and the closest 100 year flood zone is located 0.32-miles southwest of the site.

The proposed project site is located in the Upper Santa Ana River Drainage Area. The northern and eastern boundaries of the Upper Santa Ana River Drainage area are created by San Gabriel, San Bernardino, and San

Jacinto mountains. The western and southern boundaries consist of the Chino Hills and the Santa Ana Mountains (Amec 2015).

The Riverside Canal, located approximately 2,700 feet west of the proposed expansion site, and the Santa Ana River, located approximately 2 miles west of the proposed expansion site, are the principal surface water drainage features. These principal surface water drainage features are situated in the sub-basin of the Upper Santa Ana River Valley, with the Santa Ana River beginning in the San Bernardino Mountains and flowing to the southwest through the Upper Santa Ana River Valley to the Santa Ana Canyon below Prado Dam (Amec 2015).

Depth to groundwater in the area has been observed ranging from 117 to 120-feet bgs (Cardno 2015). Based on the EDR report and the Riverside County GIS system, the proposed expansion parcels are not located in a flood risk zone. Hydrogeologic investigations were not performed on the site for this investigation; therefore, it is unknown to what extent localized variations in groundwater presence and flow occur on the site.

3.4.1 Is the project site subject to flooding or tank/dam inundation or street flooding?

No Significant Hazard. According to the FEMA Map Service Center website, the site does not lie within a 100-year flood zone or within a dam inundation zone. As stated in Section 3.3.1, there are no water tanks within 1,500 feet of the site.

3.5 LAND USE AND PLANNING

3.5.1 Would the proposed school conflict with any existing or proposed land uses, such that a potential health or safety risk to students would be created?

No Significant Hazard. As shown in the aerial photograph in Figure 2, the project site is in an area characterized by suburban residential and commercial development. Properties within a quarter-mile radius of the site are generally zoned for residential and commercial. The zoning for 2210 7th Street and 2226 7th Street are listed on the City of Riverside Planning website as medium density residential and as R3 Public Facilities zone. Therefore, there is no significant hazard to the project.

3.5.2 Are there easements on or adjacent to the site that would restrict access or building placement?

No Significant Hazard. The project site does currently have easements in the 7th Street cul-de-sac and adjacent to the south for an alley behind the two properties. The vacation of these easements would need to be enacted in coordination with the City of Riverside. In addition, there is an easement for a 36-inch water transmission main that bisects the project site along the orientation of Mission Inn Avenue-7th Street. None of the proposed new buildings will be located within this water line easement.

3.5.3 Is the school site proportionate in its length to width ratio to accommodate the building layout, parking and playfields that can be safely supervised and does not exceed the allowed passing time to classes for the district?

No Significant Hazard. The school will be developed with footprint proportionality and ease of student access in mind. Therefore, there is no significant hazard to the project.

3.5.4 Has the district considered environmental factors of light, wind, noise, aesthetics, and air pollution in its site selection process?

Light and Wind

No Significant Hazard. The project site would be exposed to standard climate conditions experienced by the City of Riverside in Riverside County, California, which is generally characterized by Mediterranean conditions. As applicable, the operation of the proposed project would consider these environmental conditions. Therefore, project implementation would not expose site occupants to adverse light or wind conditions.

Aesthetics

No Significant Hazard. Project development would not degrade the existing visual character of the site. The proposed project site is an existing school in an area with residential, school, and commercial land uses. The building of the proposed project would be consistent with the surrounding land uses. The character and quality of the site would not be incompatible with the nearby structures.

Air Pollution

No Significant Hazard. Public Resources Code Section 21151.8 and Education Code Section 17213 prohibit the approval of a project involving acquisition of a school site unless the following occur:

1. Consultation with an air pollution control district or air quality management district indicates that permitted and non-permitted facilities (including, but not limited to, freeways and other busy traffic corridors, large agricultural operations, and railyards, within one-fourth of a mile of the proposed school site that might be reasonably be anticipated to emit hazardous air emissions, or to handle hazardous or extremely hazardous materials, substances, or waste) or significant pollution sources do not exist; or

2. The facilities or other pollution sources exist, but one of the following conditions applies:

   A. The health risks from the facilities or other pollution sources do not and will not constitute an actual or potential endangerment of public health to persons who would attend or be employed at the school.

   B. The governing board finds that corrective measures required under an existing order by another government entity that has jurisdiction over the facilities or other pollution sources will, before the school is occupied, result in the mitigation of all chronic or accidental hazardous air emissions to levels that do not constitute an actual or potential endangerment of public health to persons who would attend or be employed at the proposed school. If the governing board makes this finding, the governing board shall

also make a subsequent finding, prior to the occupancy of the school, that the emissions have been mitigated to these levels.

C. For a school site with a boundary that is within 500 feet of the edge of the closest traffic lane of a freeway or other busy traffic corridor, the governing board of the school district determines, through analysis pursuant to paragraph (2) of subdivision (b) of Section 44360 of the Health and Safety Code, based on appropriate air dispersion modeling, and after considering any potential mitigation measures, that the air quality at the proposed site is such that neither short-term nor long-term exposure poses significant health risks to pupils.

D. The governing board finds that neither of the conditions set forth in subparagraph (B) or (C) can be met, and the school district is unable to locate an alternative site that is suitable due to a severe shortage of sites that meet the requirements in subdivision (a) of Section 17213. If the governing board makes this finding, the governing board shall adopt a statement of Overriding Considerations pursuant to Section 15093 of Title 14 of the California Code of Regulations.

As stated in Section 3.1.2, based on a review of the South Coast Air Quality Management District's FIND website, there are no non-permitted and thirteen permitted facilities within a quarter mile of the site (AQMD 2018). The permitted facilities are not expected to significantly impact the site. In addition, there are no freeways or busy traffic corridors within 500 feet of the project site.

3.6 NOISE

3.6.1 Is the proposed school site located adjacent to or near a major arterial roadway or freeway whose noise generation may adversely affect the educational program?

No Significant Hazard. The project site is located about 0.63-miles to the east of the Riverside Freeway (State Route 91). Residential dwellings surround the proposed project site to the east, north east, and west and there are commercial properties to the south of the proposed project site. The proposed project would not exacerbate the current noise conditions at the site from traffic.

3.7 PUBLIC SERVICES

3.7.1 Does the site promote joint use of parks, libraries, museums, and other public services?

No Significant Hazard. The site could be made available for public use as the scheduling of scholastic purposes allows, following District policies, and the Civic Center Act. No impacts to nearby public facilities and services would occur as a result of the proposed project. No significant impacts would occur as a result of the proposed project.

3.7.2 Is the site conveniently located for public services, including but not limited to fire protection, police protection, public transit and trash disposal wherever feasible?

No Significant Hazard. The project site is located in a developed area. The project site will have regularly scheduled trash collection and access to public transit. There is no significant hazard. Riverside City Fire

Station 4 is approximately 0.83-miles to the east of the site. The Riverside Police Department is located approximately 0.88-miles to the west of the proposed project site. The Mission Inn and Comer Bus Stop is located about 312 feet to the west, the University and Eucalyptus bus stop is located about 260 feet to the southwest, and the University and Kansas bus stop is located approximately 305 feet to the southeast of the proposed project site.

3.8 TRANSPORTATION/TRAFFIC

3.8.1 Are traffic and pedestrian hazards mitigated per Caltrans' School Area Pedestrian Safety manual?

No Significant Hazard. Based on existing conditions, the future project is not expected to have any significant traffic hazards to overcome. Furthermore, the School Area Pedestrian Safety Manual will be used as a guide, and decisions related to particular traffic control devices at particular locations shall be made on the basis of an engineering and traffic survey. The school district governing board may request the appropriate city, county, or state agency to consider the installation of traffic control devices if the engineering and traffic survey determines the request to be justified. Traffic control devices include (Caltrans, 1996):

1. Warning signs and markings.
2. Variable speed limits.
3. Intersection stop signs.
4. Flashing yellow beacons.
5. Traffic signals.
6. Remove visibility obstructions.
7. School Safety Patrol.
8. Adult Crossing Guard.
9. Pedestrian separation structures.
10. Pedestrian walkways along the roadway.
11. Pedestrian walkways separated from the roadway.
12. Parking controls and curb-use zones.

3.8.2 Based on the traffic volumes mentioned in Section 3.1.1 and the existing sidewalks and crosswalks in the site vicinity, the project would not have any significantly adverse traffic or pedestrian hazards to overcome. Is the site easily accessible from arterials and is the minimum peripheral visibility maintained for driveways per Caltrans' Highway Design Manual?

No Significant Hazard. Based on existing conditions, the future project is not expected to have any significant traffic hazards to overcome. The site is located in an established portion of the City of Riverside that has wide, relatively flat streets with gentle curves for open viewing of oncoming traffic. Driveways would be designed to meet the requirements of the Caltrans Highway Design Manual (Caltrans 1996). Future transportation facilities are subject to review and approval by the City of Riverside.

3.8.3 Is the proposed school site within 1,500 feet of a railroad track easement?

No Significant Hazard. Based on a review of Google Earth, the site is not located within 1,500 feet of a railroad track easement. The nearest rail line is located 0.5 mile northwest of the proposed project site. The proposed project site is not within 1,500-feet of a railroad track easement.

3.8.4 Is the proposed school site within two nautical miles, measured by air line, of that point on an airport runway or potential runway included in an airport master plan that is nearest to the site? (Does not apply to school sites acquired prior to January 1, 1966.)

No Significant Hazard. Based on a review of area maps and recent aerial photographs, the site is not within two nautical miles of an existing airport or proposed airport runway. The nearest airport runway is the Flabob Airport, which is approximately 2.32-nautical miles southwest of the proposed project site. There are no runways within two nautical miles of the site.

3.9 EXEMPTIONS TO SITING STANDARDS

3.9.1 Is the district seeking any exemptions to the standards found in CCR, Title 5, § 14010(c-i), (l), (m), (q), (c), (t)?

No Significant Hazard. The District will not be seeking any exemptions to the standards found in CCR Title 5 Section 14010.

3.9.2 If so, has mitigation been identified that demonstrates that the standard may be overridden without compromising a safe and supportive school environment?

No Significant Hazard. The proposed project would comply with all CCR Title 5 standards.

4. References

4.1 PRINTED REFERENCES

Amec Foster Wheeler, 2015. Additional Phase II Environmental Site Assessment Report: Riverside Scrap Iron & Metal Site.

California Geological Survey (CGS) [formerly California Division of Mines and Geology], 2000. "A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Natural Occurring Asbestos." August 2000.

California Office of Emergency Services (OES), 2015. Dam Inundation, Registered Images and Boundary Files in ESRI Shapefile Format, Version FY 2014, CD-ROM.

Cardno, 2015. Second Quarter 2015 Status Report, Former Mobil Bulk Plant 04407, 4526 Commerce Street, Riverside, California, July 27.

Jennings, C. W., and W. A. Bryant, 2010. Fault Activity Map of California, California Geological Data Map Series, Map No. 6, scale 1:750,000.

Morton, D. M., and B. Cox, 2001. Geologic Map of the Riverside East 7.5' Quadrangle, Riverside County, California, Version 1.0. U. S. Geological Survey Open-File Report 01-452, scale 1:24,000.

PlaceWorks, 2019. Phase I Environmental Site Assessment, Longfellow Elementary School Expansion Parcels, for Riverside Unified School District, dated January 2019.

United States Geological Survey (USGS), 2018. 7.5' Topographic Series, Riverside East, California Quadrangle Map, scale 1:24,000.

Van Gosen, B. S., and J. P. Clinkenbeard, 2011. Reported Historic Asbestos Mines, Historic Asbestos Prospects, and Other Natural Occurrences of Asbestos in California, USGS Open-File Report 2011-1188, scale 1:990,000.

4.2 WEB SITES

California Geological Survey (CGS), 2010. Fault Activity Map of California. http://maps.conservation.ca.gov/cgs/fam/

California Geological Survey (CGS), 2018. CGS Information Warehouse: Regulatory Maps website. http://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps

4. References

California Department of Toxic Substances Control, 2018. EnviroStor website. http://www.envirostor.dtsc.ca.gov/public/.

California Department of Transportation (Caltrans), 1996. Traffic Manual, School Area Pedestrian Safety. http://www.dot.ca.gov/trafficops/camutcd/docs/TMChapter10.pdf

California Division of Oil, Gas and Geothermal Resources (DOGGR), 2018. Well Finder database, http://maps.conservation.ca.gov/doggr/#close.

California State Water Resources Control Board (SWRCB), 2018. GeoTracker website. http://geotracker.waterboards.ca.gov.

City of Riverside. General Plan: Land Use Policy Map. https://www.riversideca.gov/planning/pdf/General-Plan-Map.pdf?dbid==25567

City of Riverside. General Plan: Zoning Map of the City of Riverside. https://www.riversideca.gov/planning/zoning.asp

City of Riverside, 2008. 24 Hour Volume Counts. https://www.riversideca.gov/PDF2/Traffic-Volume-Count.pdf

City of Riverside GIS, 2018. https://gis.rivcoit.org/

Federal Emergency Management Agency (FEMA). 2008, August 28. Flood Map Service Center. https://msc.fema.gov/portal/search?AddressQuery=2210%207th%20Street%20Riverside%20CA#searchresultsanchor

Google Earth Pro, 2018.

National Pipeline Mapping System (NPMS), 2018. NPMS Public Map Viewer website, https://www.npms.phmsa.dot.gov/PublicViewer/.

South Coast Air Quality Management District. 2018. https://www.aqmd.gov/nav/FIND/facility-information-detail

United States Department of Agriculture (USDA), 2018. Web Soil Survey website. https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

5. List of Preparers

5.1 LEAD AGENCY

Riverside Unified School District
3070 Washington Street
Riverside, California 92504

5.2 PLACEWORKS

Michael Watson, PG, Associate Geologist

Danielle Clendening, Intern

5. List of Preparers

This page intentionally left blank.

Appendix A Agency Information

Appendix

This page intentionally left blank.

2210 7TH STREET, RIVERSIDE, RIVERSIDE

ATTDSOUTH

EMERGENCY
ATT DAMAGE PREVENTION HOTLINE
510-645-2929

VACUUM
AT&T DAMAGE PREVENT HOTLINE
510-645-2929

DESIGN
SUBSTRUCTURE RECORDS REQUEST
CALL FOR MAILING ADDRESS, CA
510-645-2929

MCISOCAL

EMERGENCY
FIBER SECURITY DEPT
800-624-9675

VACUUM
MCI OPERATOR
800-289-3427

DESIGN
DEAN BOYERS
RICHARDSON, TX 75081
469-886-4238
INVESTIGATIONS@VERIZON.COM

NEXTGLAVEN

EMERGENCY
CROWN CASTLE NOC
888-632-0931

VACUUM
RICH SANDALA
724-416-2973
RICH.SANDALA@CROWNCASTLE.COM

DESIGN
REBECCA CALDWELL
CANONSBURG, PA 15317
888-632-0931
FIBER.DIG@CROWNCASTLE.COM

RIV02

EMERGENCY
TODD ROSE
951-351-6096
TROSE@RIVERSIDECA.GOV

VACUUM
Information Not Available

DESIGN
CITY TRAFFIC ENGINEER
RIVERSIDE, CA 92522
951-826-5148
GHERNANDEZ@RIVERSIDECA.GOV

SCG1OK
EMERGENCY
MARGARITO DOMINGUEZ
800-423-1391
VACUUM
NO PERMISSION REQUIRED
DESIGN
GEARY AMBERS
REDLANDS, CA 92374
909-335-7955
SCGSEREGIONREDLANDSUTILITYREQUEST@SEMPRAUTILITIES.COM

UCHARCM
EMERGENCY
STUART KING
000-000-0000
VACUUM
Information Not Available
DESIGN
ENGINEERING DEPT
RIVERSIDE, CA 92504
000-000-0000

URIV01
EMERGENCY
ELECTRIC DISPATCH
951-687-0791
VACUUM
Information Not Available
DESIGN
ELECTRIC OR WATER ENGINEER
RIVERSIDE, CA 92522
951-826-5285

URIV39
EMERGENCY
UTILITY DISPATCH
951-351-6228
VACUUM
Information Not Available
DESIGN
WATER DIVISION
RIVERSIDE, CA 92501
951-826-5285
WATERDEVELOPMENT@RIVERSIDECA.GOV

UTWCNRIV
EMERGENCY
SERGIO GONZALEZ
RIVERSIDE AVE, CA 92504
951-406-1645
SERGIO.GONZALEZ@CHARTER.COM
VACUUM
Information Not Available
DESIGN
COZETTE MILES
ONTARIO, CA 91761

UVZMENIF

EMERGENCY

REPAIR CALL CENTER

800-921-8101

VACUUM

NONE PROVIDED

800-837-4966

DESIGN

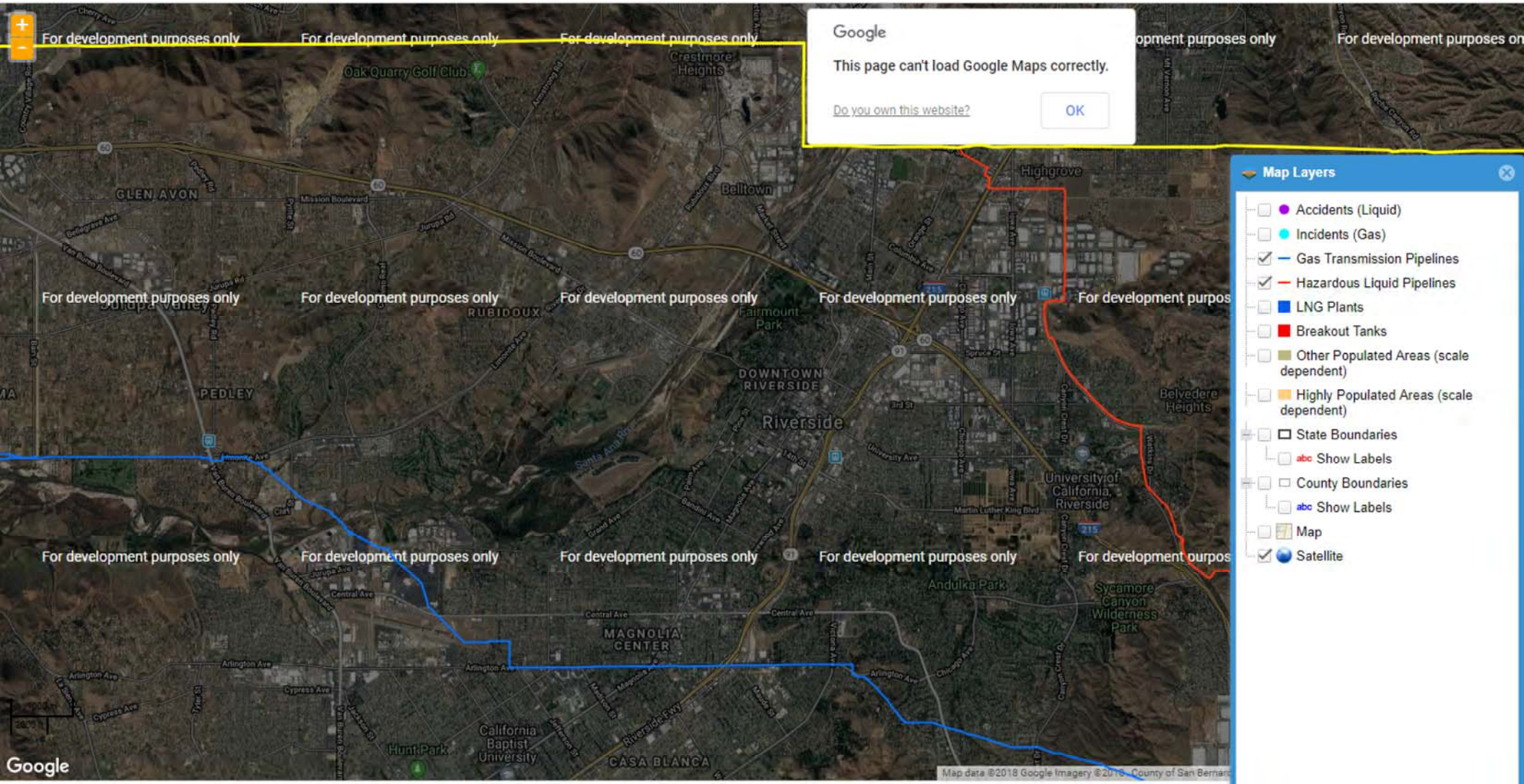
BILL KEARNS

000-000-0000

WILLIAM.KEARNS@FTR.COM

Public Viewer

Map Layers | Query Tools



Map Layers

- Accidents (Liquid)
- Incidents (Gas)
- Gas Transmission Pipelines
- Hazardous Liquid Pipelines
- LNG Plants
- Breakout Tanks
- Other Populated Areas (scale dependent)
- Highly Populated Areas (scale dependent)
- State Boundaries
  - Show Labels
- County Boundaries
  - Show Labels
- Map
- Satellite

Ready | Zoom Level: 13 of 19 (1:54,168) | 34.038772, -117.203699

Danielle Clendening

From: Orduno, Erik <EOrduno@semprautilities.com>
Sent: Monday, June 4, 2018 10:55 AM
To: Danielle Clendening
Subject: 2210 7TH ST
Attachments: FW: 2018 060118 1302pm Gas Pipelines near a site in Riverside

Hello: Danielle

Your request has been received and your Remittance, Maps and/or Will Serve will be provided by So Cal Gas Distribution. Remittance will be sent to requester, unless otherwise specified. All future Will serve/ facility map requests should be sent to SCGSERegionRedlandsUtilityRequest@semprautilities.com.

Be aware for your reference: **Public Utility requests may take 30 days for response**.

California Public Utility Commission Rules require notification of both SoCal Gas Transmission and SoCal Gas Distribution of all work being conducted. *You will need to send a copy of your request and plans to*:

So Cal Gas Transmission
Gas Transmission Technical services
SoCalGasTransmissionUtilityRequest@semprautilities.com
951-845-0709

Per CPUC Tariff Rule 34 and County/Municipal Franchise Agreements a no-cost "City Request" must be sent **from** the City/Agency and then all corresponding Gas Asset Maps must be sent **to** the City/Agency. **3rd Party Contractors will be charged**.
If you wish to begin the process of having Gas Service Installed/Altered/Abandoned you will have to contact the So Cal Gas Call Center 1-800-427-2200 and let them know you wish to have a new gas service installed for a new development and you need to speak with a Field Planner. They will take your information and a Field Planner will contact you within 5 business days. You can also go to the So Cal Gas Website for Builder Services and submit a request. **http://socalgas.com/for-your-business/builder-services/**

Thank you for your patience and cooperation.

Erik Orduno

Pipeline Planning Assistant

Southeast Region/Redlands

Work# (909)335-7844

EOrduno@semprautilities.com

October 26, 2018

Attn: Danielle Clendening
2850 Inland Empire Boulevard, Suite B
Ontario, CA 91764

Pipeline Information Request: Engineering Project #18-1298

RE: Danielle Clendening is requesting a PIR for presence of any high pressure gas lines within 1,500 feet of the proposed 0.4 acre school site for the Riverside Unified School District at 2210 7th Street and 2226 7th Street, Riverside, CA. 92507.

Dear Danielle Clendening,

The Gas Company operation and maintenance procedures are in compliance with the Department of Transportation, Title 49 of the Code of Federal Regulations, Part 192. These Company Procedures are on file with the California Public Utilities Commission that audits The Gas Company's compliance annually. In addition, The Gas Company is aware of the new requirement under Title 5, California Code of Regulations, Section 14010 (h), Standards for School Site Selection, which applies to gas pipelines near schools, and has been very responsive in providing necessary pipeline data to outside consultants conducting risk analysis studies on proposed school sites. The new requirement specifies that:

> *"The site shall not be located near an above-ground water or fuel storage tank or within 1500 feet of the easement of an above-ground or underground pipeline that can pose a safety hazard as determined by a risk analysis study, conducted by a competent professional, which may include certification from a local public utility commission."*

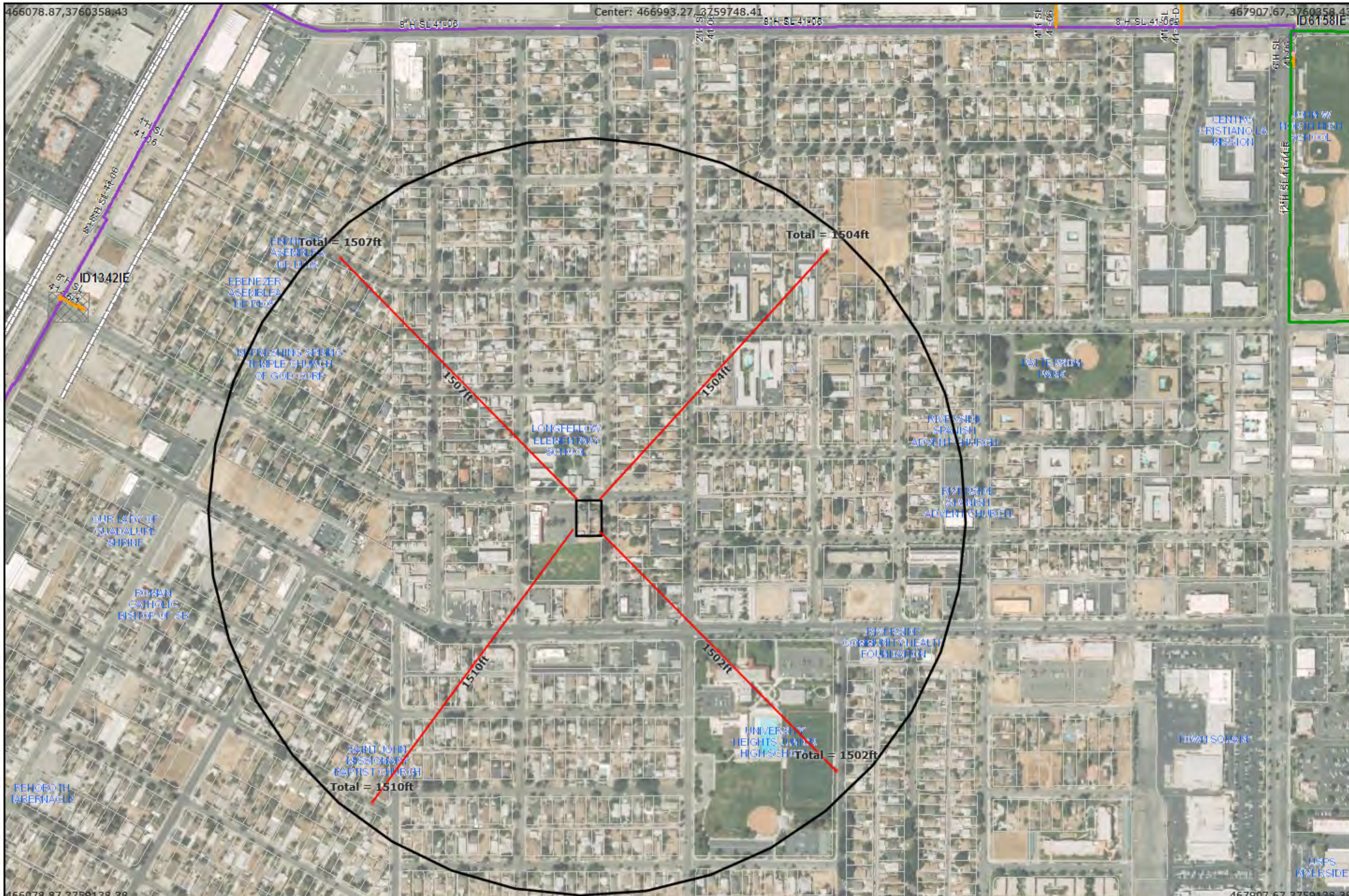
The Gas Company continues to strive to reduce the risk to public safety through technological advances, an active pipeline integrity management program, and being an active participant in the statewide Underground Service Alert Program. We operate our pipelines at or below the allowable pressures and make every effort to use the latest engineering advances in the design and construction of our pipeline system. As a result, The Gas Company operates nearly 4,000 miles of high-pressure transmission pipelines and over 44,000 miles of distribution lines collectively, contributing to one of the safest pipeline systems in the nation.

In response to your question concerning the proposed school site located at 2210 7th Street and 2226 7th Street, Riverside, CA 92507, we have determined that The Gas Company does not currently own or operate any high-pressure pipelines within a 1,500 ft radius.

If there are any further questions, please feel free to contact me.

Sincerely,

Sandy Bevans-Taray
Region Engineer II
Office (909) 335-7569



100m 400ft

Map Title: Pipeline Information Request

Printed By: CORP\GGonzal7

Printed Date: 10/26/2018

LIABILITY STATEMENT The facilities and their depiction on these maps are believed to be reasonably accurate, but the maps are not to be used in lieu of field verification or calling USA at 800-422-4133. NO WARRANTY expressed or implied (including of merchantability or of fitness for a particular purpose) is made as to any matter, including but not limited to, the design, size, type or location of the facilities, their presence or absence, the accuracy of the maps, the means used to transmit the data, absence of viruses (if transmitted electronically, by disk or diskette), data translation or transmission errors or omissions, compatibility with the user's system or its ability to interpret the data correctly or at all, or any other matter. The Gas Company has no liability for damages (direct, indirect, consequential, incidental or punitive) arising from the transmission, receipt or use by others of the maps or information contained in the maps.

SoCalGas

A Sempra Energy utility

Mike Campisi
Pipeline Planning Assistant

9400 Oakdale Ave
Chatsworth, CA 91311

Tel: 213-231-6081

February 27, 2019

Danielle Clendening
PLACEWORKS
2850 Inland Empire Boulevard, Suite B
Ontario, California 91764
dbclendening@placeworks.com

Subject: **2210 7th Street**
2226 7th Street
Riverside, CA

DCF: **0237-19NC189**

The Transmission Department of SoCalGas does not operate any facilities within 1500 feet of the addresses stated above. However, the Distribution Department of SoCalGas may maintain and operate facilities within those locations.

To assure no conflict with the Distribution's pipeline system, please e-mail them at:

SCGSERegionRedlandsUtilityRequest@semprautilities.com

Sincerely,

Mike Campisi
Pipeline Planning Assistant
SoCalGas Transmission Technical Services
SoCalGasTransmissionUtilityRequest@semprautilities.com

Danielle Clendening

From: Clark, Laura <LClark@riversideca.gov>
Sent: Tuesday, October 23, 2018 5:01 PM
To: Danielle Clendening; Mejia, Efren; Revuelta, Adelayda
Cc: Cardenas, Julian
Subject: RE: [External] Power lines near a site in Riverside
Attachments: image004.jpg

Hi Danielle,

There are no primary power lines, 50kV or greater, within 1500 feet of the subject properties. Please let me know if you have any questions or concerns.

Thank you,

Laura Clark
City of Riverside
Riverside Public Utilities, Customer Engineering-Electric
Direct: (951) 826-5353
RiversideCA.gov

WATER | ENERGY | LIFE

CITY OF RIVERSIDE

PUBLIC UTILITIES

From: Danielle Clendening <dbclendening@placeworks.com>
Sent: Monday, October 22, 2018 11:54 AM
To: Mejia, Efren <EMejia@riversideca.gov>; Revuelta, Adelayda <ARevuelta@riversideca.gov>
Cc: Clark, Laura <LClark@riversideca.gov>; Cardenas, Julian <JCardenas@riversideca.gov>
Subject: RE: [External] Power lines near a site in Riverside

Hi Efren,

I have not received a response yet.

If there are any questions or more information is required, please let me know!

Best regards,

Danielle

From: Mejia, Efren [mailto:EMejia@riversideca.gov]
Sent: Monday, October 22, 2018 11:51 AM
To: Danielle Clendening; Revuelta, Adelayda
Cc: Clark, Laura; Cardenas, Julian
Subject: RE: [External] Power lines near a site in Riverside

Hi Danielle,

Not sure if you received a response from RPU on this yet.

If not, either Laura Clark or Julian Cardenas copied on this email will assist you with this request this week.

Thanks.

Efren Mejia, P.E.
Principal Engineer

City of Riverside
Riverside Public Utilities, Energy Delivery
Main: 951.826.2135
Direct: 951.826.2182
Cell: 951.870.0562
EMejia@Riversideca.gov
RiversideCA.gov

From: Danielle Clendening [mailto:dbclendening@placeworks.com]
Sent: Friday, October 19, 2018 9:05 AM
To: Revuelta, Adelayda; Mejia, Efren
Subject: [External] Power lines near a site in Riverside

Good Morning,

Riverside Unified School District, in compliance with CCR Title V Section 14010 (h), has contracted the services of PlaceWorks to complete safety hazard assessments related to powerlines within a 1,500-foot radius of a site in the city of Riverside. The addresses for the site are 2210 7th Street and 2226 7th Street Riverside, CA. I have attached a pdf with a map showing the exact location of the site outlined in red and an approximately 1,500-foot radius marked around the site in yellow.

This email is requesting information about any powerlines located within a 1,500-foot radius of the site.

Specifically, the safety hazard assessment report is looking for powerlines that fall within the following parameters:

The property line of the site shall be at least the following distance from the edge of respective power line easements:
(1) 100 feet for 50-133 kV line.
(2) 150 feet for 220-230 kV line.
(3) 350 feet for 500-550 kV line.

If there are no powerlines within the radius of the site that meet the previously stated specifications, could I get a response stating such for the school district's safety hazard report.

If this not the correct email to be sending such a request, could you please help direct this inquiry to the proper division.

The Client for this project is:

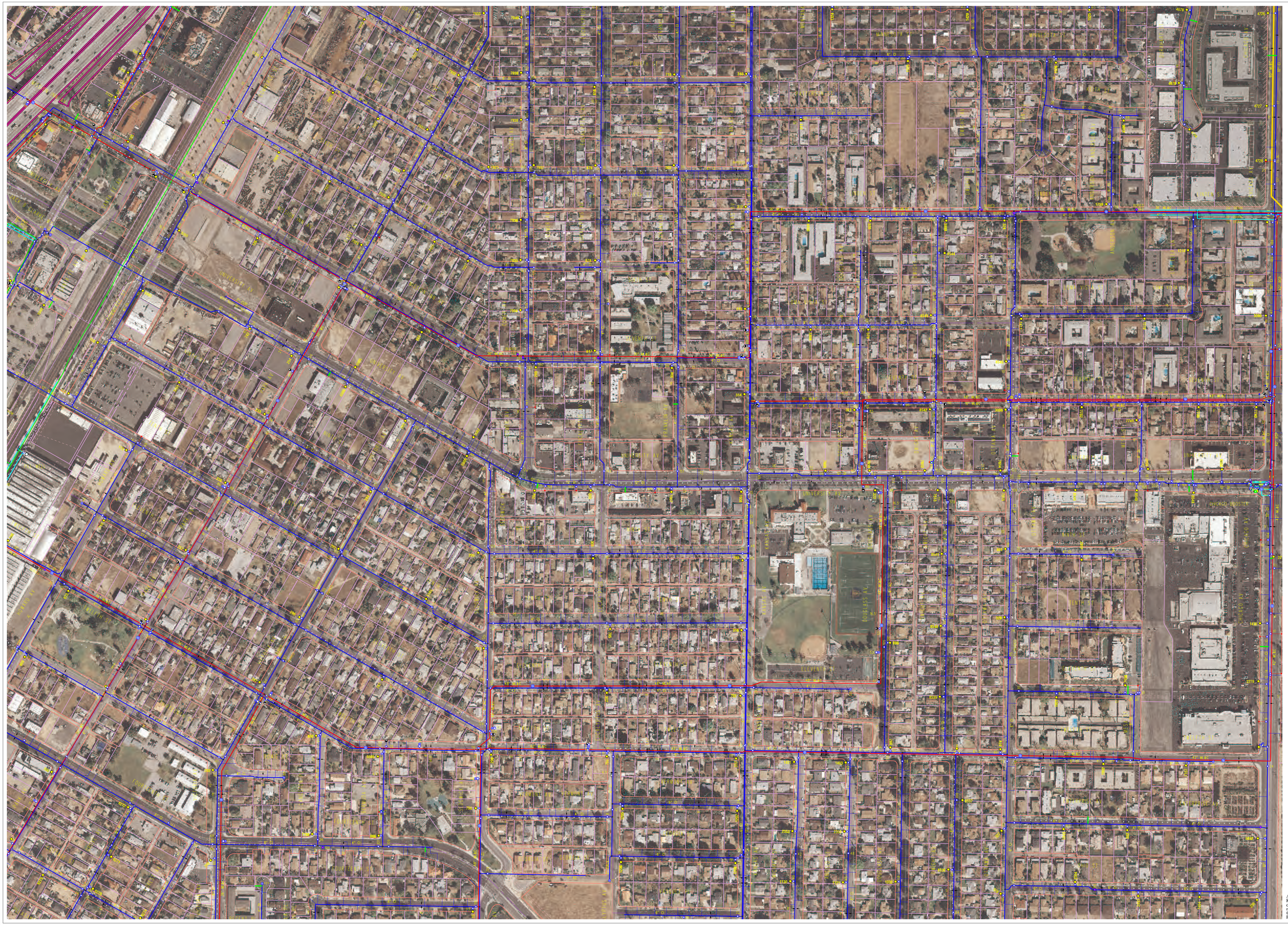
Riverside Unified School District
3070 Washington Street
Riverside, CA 92504

Thank you so much for your help, please contact me if you have any questions or need more information!

DANIELLE CLENDENING
Intern

2850 Inland Empire Boulevard, Suite B | Ontario, California 91764
909.989.4449 | dbclendening@placeworks.com | placeworks.com

PLACEWORKS



Symbology

- Distribution Main
- Supply Main
- Transmission Main
- Facility Main
- Recycled Main
- Irrigation Main/Canal
- Abandoned Main
- Service
- Fire Service
- Landscape Service
- Remote Service
- Recycled Service
- Abandoned Service
- Casing
- Air Valve
- Booster Pump
- Well Pump
- PRV
- Check Valve
- Relief Valve
- Manhole
- DC Meter
- Fire Hydrant
- Valve Open
- Valve Closed
- EOM/BO Valve
- BO Valve
- BO/PO Valve
- PO/BO Valve
- PO
- Mat'l Change
- Reducer
- Tee/Cross

N

1 inch = 200 feet

June 04, 2018

Printed by: MCASTRO

Symbology

- Sewer Main
- Sewer Force Main
- Sewer Main (Non-City Maintained)
- Sewer Siphon
- Sewer Lateral
- Sewer Lateral (Unknown Position)
- Sewer Cleanout
- Sewer Manhole
- Sewer Lift Station
- Sewer Plant
- Sewer End of Line

1 inch = 150 feet
June 06, 2018

Appendices

This page intentionally left blank.